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(71) Applicant: **Audiotrack Watermark Solutions Corporation**
West Palm Beach, Florida 33401-4325 (US)

(72) Inventors:
, Smith, Gregory
Toronto, Ontario M6S 4KS (CA)
, Wiltshire, John H. D.
Toronto, Ontario M6R 1E6, (CA)
, Nolan, Mervin C.,
Lachine, Quebec H8S 1KB (CA)

(74) Representative:
Beresford, Keith Denis Lewis et al
BERESFORD & Co.
High Holborn
2-5 Warwick Court
London WC1R 5DJ (GB)

(54) Technique for embedding a code in an audio signal and for detecting the embedded code

(57) A code is embedded into an audio product so as to be processed therewith for recording and/or broadcast and yet be reliably detected while remaining inaudible to human perception. The code is represented by symbols formed from an impulse function having its energy within a specified frequency range. The audio product is analyzed to find segments which can mask the code based on tonality and a minimum signal energy. When the audio product with an embedded code is detected, decoding thereof involves finding candidate code signals which are checked against preset criteria. In particular, each symbol is made of at least two impulse functions with a preset spacing therebetween.

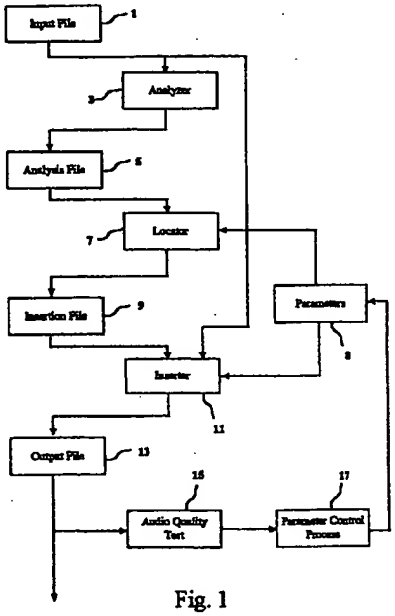

Fig. 1

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Application Number
EP 98 30 5532

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The present search report has been drawn up for all claims

Place of search	Date of completion of the search	Examiner
THE HAGUE	17 May 2000	Quélavoine, R

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EUROPEAN SEARCH REPORT

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